

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 July 2005 (21.07.2005)

PCT

(10) International Publication Number
WO 2005/065269 A3

(51) International Patent Classification⁷: **A61K 35/14**

(21) International Application Number:
PCT/US2004/043383

(22) International Filing Date:
23 December 2004 (23.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/533,328 29 December 2003 (29.12.2003) US
60/533,161 29 December 2003 (29.12.2003) US
60/533,467 29 December 2003 (29.12.2003) US

(71) Applicant (for all designated States except US): AM BIOSOLUTIONS [US/US]; 1312 Orange Avenue, Menlo Park, California 94025 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MISHRA, Allan [US/US]; 1312 Orange Avenue, Menlo Park, California 94025 (US).

(74) Agent: BOZICEVIC, Karl; BOZICEVIC, FIELD & FRANCIS LLP, 1900 University Avenue, Suite 200, East Palo Alto, California 94303 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
15 December 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/065269 A3

(54) Title: COMPOSITIONS AND METHOD FOR DECREASING THE APPEARANCE OF SKIN WRINKLES

(57) Abstract: Methods are described for using compositions comprising platelet-rich plasma and/or fibroblast cells alone or in combination for the treatment of skin. Particularly, administering platelet-rich plasma in a dermatologically acceptable carrier repeatedly to skin to obtain desired results including the reduced appearance of wrinkles.